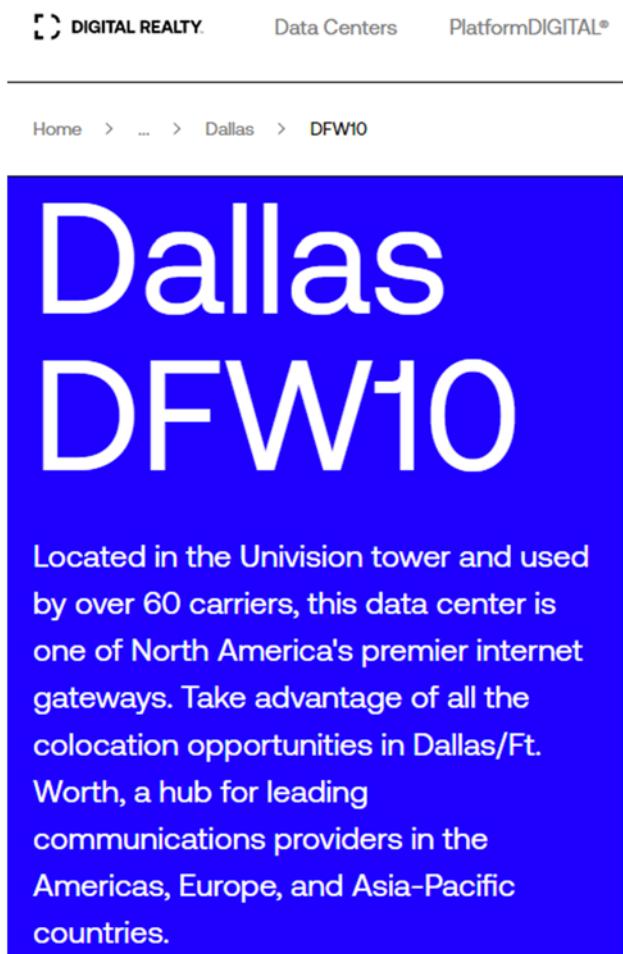


# Exhibit 12

**U.S. Patent No. 9,310,855 – Infringement Claim Chart**

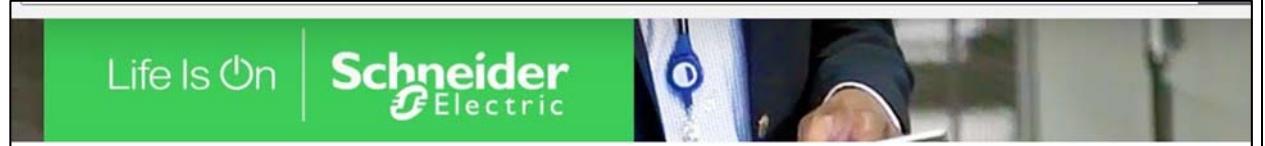
Claim 8	Identification
[8pre] A flexible data center including T rows of server racks, comprising:	<p>Digital Realty uses flexible datacenters including T-rows of server racks comprising the elements below.</p> <p>For example, Digital Realty DFW10 is such a flexible datacenter.</p> 

Claim 8	Identification
	 <p>Digital Realty Dallas Data Center</p> <p>Datacenters.com 523 subscribers <a href="#">Subscribe</a></p> <p>216 views Jan 10, 2014 <a href="http://datacenters.com/location/dalla...">http://datacenters.com/location/dalla...</a></p> <p>Located in downtown Dallas Univision Tower is one of the premier Internet gateways in the United States. Consisting of over 477,000 square feet the telecommunications facility serves as the southwest headquarters for the Univision broadcasting network and is the nexus of metro-area national and international communications networks in the southwestern United States.</p> <p><a href="https://www.youtube.com/watch?v=uXia-8D0N-A">https://www.youtube.com/watch?v=uXia-8D0N-A</a></p>

Claim 8	Identification
	 <p>The screenshot shows the Digital Realty website. At the top, there is a navigation bar with the Digital Realty logo, "DIGITAL REALTY.", "Data Centers", and "PlatformDIGITAL®". Below the navigation bar, a breadcrumb trail shows "Home &gt; ... &gt; Dallas &gt; DFW10". The main content area has a large blue background with white text that reads "Dallas DFW10". Below this, a paragraph of text describes the data center: "Located in the Univision tower and used by over 60 carriers, this data center is one of North America's premier internet gateways. Take advantage of all the colocation opportunities in Dallas/Ft. Worth, a hub for leading communications providers in the Americas, Europe, and Asia-Pacific countries." At the bottom of the page, there is a URL: <a href="https://www.digitalrealty.com/data-centers/americas/dallas/dfw10">https://www.digitalrealty.com/data-centers/americas/dallas/dfw10</a>.</p>
[8a] a number B of blocks on a site, each block including:	The datacenter includes a number B of blocks on a site each block including the below.

Claim 8	Identification
	 An aerial photograph of a data center complex. Several buildings are labeled with blue boxes: "1252 Alma" (top left), "Substation" (top center), "850 E. Collins Blvd." (top right), "950 E. Collins Blvd." (far top right), "1232 Alma Road" (middle left), "900 Quality Way" (middle center), "904 Quality Way" (middle right), "908 Quality Way" (far right), "1215 Integrity Drive" (bottom left), "1210 Integrity Drive" (bottom center), "905 Security Row" (bottom right), and "907 Security Row" (far bottom right). A video player interface is overlaid at the bottom of the image, showing a progress bar from 0:04 to 3:11 and various control icons.
[8b] one to a number P of perimeter structures, wherein each perimeter structure houses up to a number R of rows of server racks; and	Each block includes one to a number P of perimeter structure, wherein each perimeter structure houses up to a number R of rows of server racks.

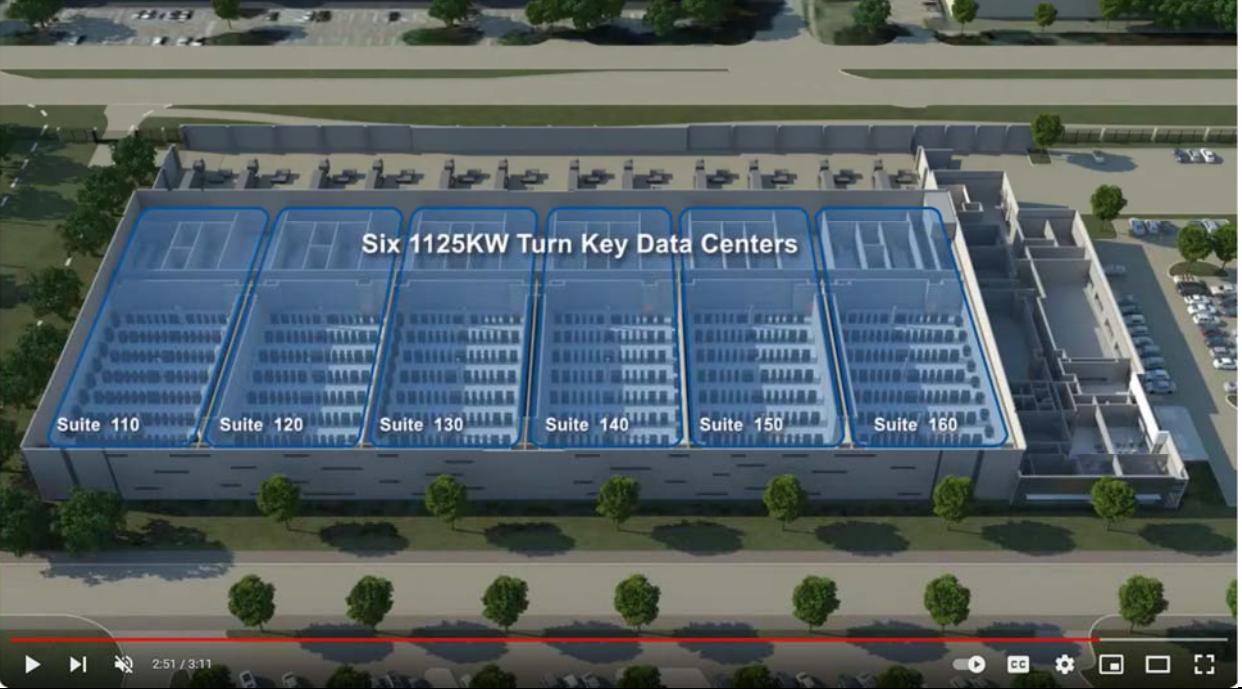
Claim 8	Identification
	 <p><a href="https://www.youtube.com/watch?v=uXia-8D0N-A">https://www.youtube.com/watch?v=uXia-8D0N-A</a></p>
<p>[8c] a connecting structure connected to the number P of perimeter structures, wherein the connecting structure houses operations monitoring equipment for the server racks, and wherein the one to the number P of perimeter structures retain functionality independent of the connecting structure;</p>	<p>Each block includes a connecting structure connected to the number P of perimeter structures, wherein the connecting structure houses operations monitoring equipment for the server racks, and wherein the one to the number P of perimeter structures retain functionality independent of the connecting structure.</p> <p>For example, connecting structure is shown connected to the perimeter structures. On information and belief, the connecting structure houses monitoring equipment for the server racks.</p>

Claim 8	Identification
	 <p data-bbox="766 714 1727 747"><a href="https://www.youtube.com/watch?v=uXia-8D0N-A">https://www.youtube.com/watch?v=uXia-8D0N-A</a></p>  <p data-bbox="766 926 2031 1212"><b>A world of availability</b> Digital Realty needed a globally consistent infrastructure to support its colocation goals and expansion. Schneider Electric helped customize a reliable EcoStruxure solution to unify, monitor and control Digital Realty facilities, anywhere in the world, anytime.</p> <p data-bbox="766 1212 2031 1245"><a href="https://www.se.com/us/en/work/campaign/life-is-on/case-study/digital-realty.jsp">https://www.se.com/us/en/work/campaign/life-is-on/case-study/digital-realty.jsp</a></p> <p data-bbox="766 1245 2031 1388">One to the number P of the perimeter structures retains functionality independent of the connecting structure.</p>

Claim 8	Identification
	<p> DIGITAL REALTY</p> <p>Home &gt; ... &gt; Dallas &gt; DFW18</p> <p>Power you can count on.</p> <p>UPS redundancy: <b>2N</b></p> <hr/> <h2>Cooling</h2> <p>Cooling that never quits.</p> <p>Cooling redundancy: <b>N+1</b></p> <p><a href="https://www.digitalrealty.com/data-centers/americas/dallas/dfw18">https://www.digitalrealty.com/data-centers/americas/dallas/dfw18</a></p>

Claim 8	Identification
	<p><b>N+1 definition</b></p> <p>If N equals the amount of capacity needed to run the facility, N+1 indicates an additional component added to support a single failure or required maintenance on a component. Design standards typically call for 1 extra unit for every 4 needed. So if you have, say, 8 UPS units, then you should at least have 10 total UPS units.</p> <p><b>2N definition</b></p> <p>2N refers to a fully redundant, mirrored system with two independent distribution systems. They are not connected in any way and are not dependent on each other. This means that even if one power source has an interruption or loss of power, the other should still supply power and accommodate full load, thereby eliminating any potential downtime from the loss of one side or leg of the system.</p> <p><a href="https://www.digitalrealty.com/resources/articles/2n-vs-n-1">https://www.digitalrealty.com/resources/articles/2n-vs-n-1</a></p>
[8d] a total integer number T/R of perimeter structures comprising the	As shown, there are R rows of server racks where T/R comprises the P perimeter structures.

Claim 8	Identification
number $P$ of perimeter structures, wherein:	 <p><a href="https://www.youtube.com/watch?v=uXia-8D0N-A">https://www.youtube.com/watch?v=uXia-8D0N-A</a></p>
[8e] at most one perimeter structure houses less than $R$ rows of server racks;	At most one perimeter structure houses less than $R$ rows of server racks. For example, as shown, no perimeter structure houses less than $R$ rows of server racks.

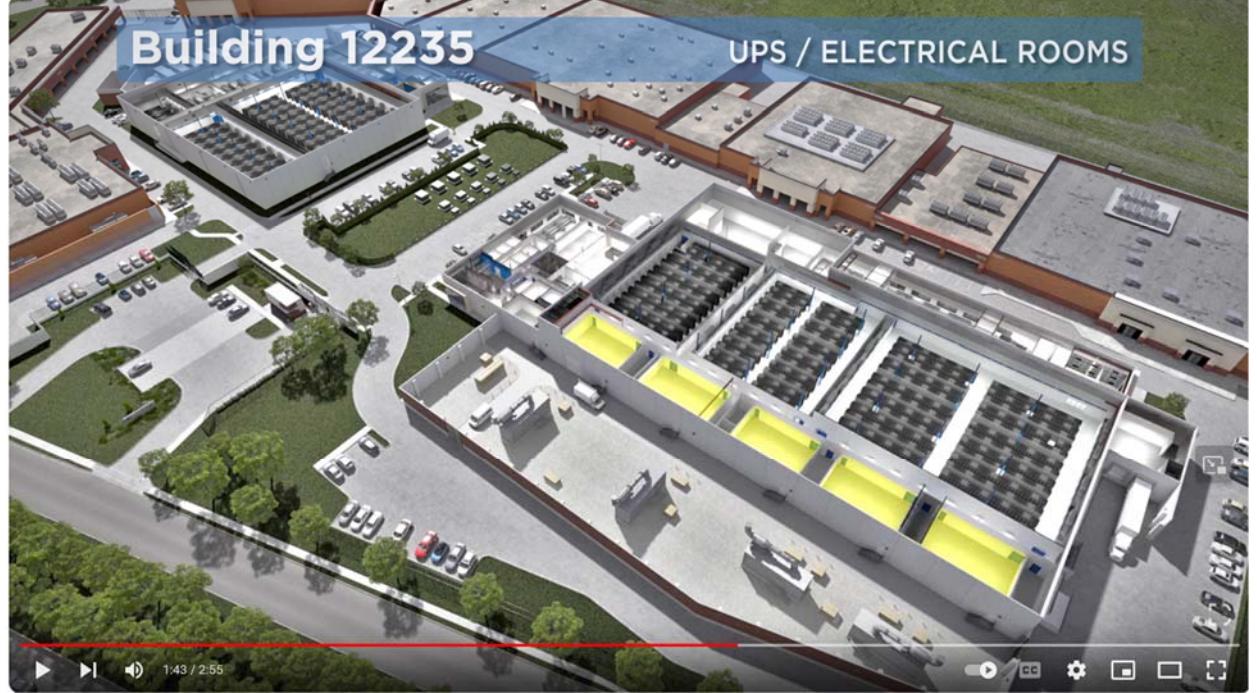
Claim 8	Identification
	
[8f] B is equal to an integer number (T/R)/P; and	B is equal to an integer number $(T/R)/P$ .

Claim 8	Identification
	 <p><a href="https://www.youtube.com/watch?v=uXia-8D0N-A">https://www.youtube.com/watch?v=uXia-8D0N-A</a></p>
[8g] at most one block includes less than P perimeter structures;	On information and belief, at most one block includes less than P perimeter structures. For example, no blocks shown include less than P perimeter structures.

Claim 8	Identification
	 <p><a href="https://www.youtube.com/watch?v=uXia-8D0N-A">https://www.youtube.com/watch?v=uXia-8D0N-A</a></p>
[8h] a number of cooling units connected to an exterior of a respective perimeter structure, wherein a type of the number of cooling units is particular to a climate of the site; and	Cooling units are mounted on the roof (connected to an exterior of a respective perimeter structure). On information and belief, the connecting structure between the P perimeter structures houses mechanical cooling air flow from the roof mounted cooling units to the server racks.

Claim 8	Identification
	 <p data-bbox="766 796 1822 816">The type and number of cooling units is particular to a climate of the site.</p>

Claim 8	Identification
	<p><b>Advantages of air cooling in data centers:</b></p> <ul style="list-style-type: none"> <li>• Generally reliable performance levels and suitable for various data center types</li> <li>• Proven technology with a history of effective air temperature management</li> <li>• Easily implemented in both small and large-scale facilities</li> </ul> <p><b>Disadvantages of air cooling in data centers:</b></p> <ul style="list-style-type: none"> <li>• Potential for high energy consumption, especially for facilities in warmer climates</li> <li>• Dependence on airflow can cause fluctuations in energy usage</li> <li>• Can bring high energy costs if not managed effectively</li> </ul> <p><a href="https://www.digitalrealty.com/resources/articles/future-of-data-center-cooling">https://www.digitalrealty.com/resources/articles/future-of-data-center-cooling</a></p>
[8i] a number of power conditioner units connected to the exterior of the respective perimeter structure, wherein a type of the number of power conditioner units is particular to a desired power quality and to the climate of the site.	<p>A number of power conditioner units are connected to the exterior of the respective perimeter structure, wherein a type of the number of power conditioner units is particular to a desired power quality and to the climate of the site.</p> <p>For example, location of the power equipment connected to the exterior of the perimeter structures is shown below (in connection with a Houston datacenter). On information and belief, such power equipment (particular to a desired power quality and to the climate of the site) would be similarly located in the Dallas datacenter.</p>

Claim 8	Identification
	 <p data-bbox="766 992 1400 1029"><a href="https://www.youtube.com/watch?v=futyu4a_ssw">https://www.youtube.com/watch?v=futyu4a_ssw</a></p>